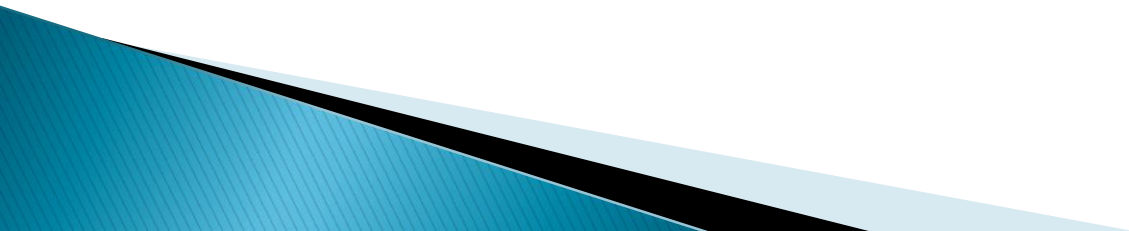


# What in the World is a CRA Item?



# What is a Constructed Response Item?

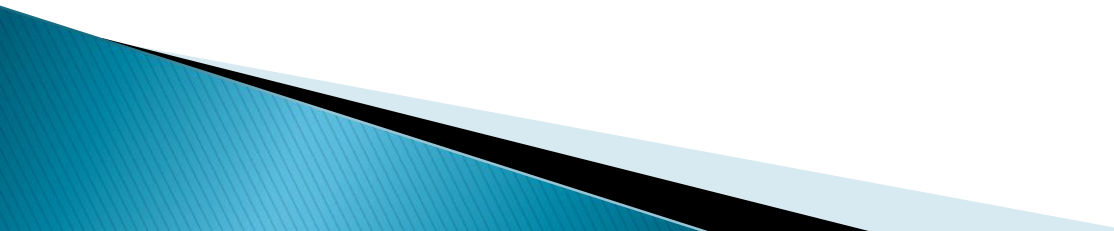
Constructed Response items are open ended, short answer questions that measure the application level of cognitive skill and content knowledge.



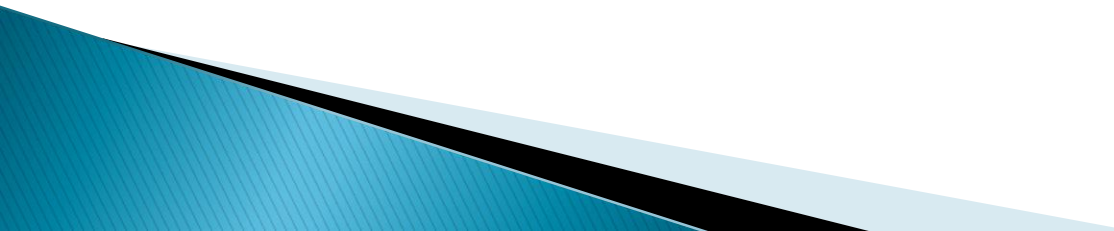
# THE TENNESSEE DIFFERENCE

The test items for the 2010 CRA Pilot Assessment  
were written by Tennessee Teachers.

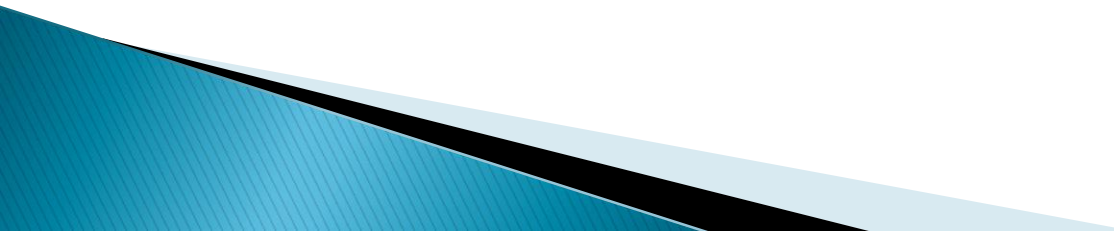
# The Development of the Pilot CRA ITEMS

- ▶ In the fall of 2009, forty Tennessee teachers attended a workshop and learned how to write constructed response items.
  - ▶ These teachers were given assignments by Measurement and worked with the Measurement staff to write items.
  - ▶ In the spring of 2010, forty-eight different Tennessee teachers met and reviewed the items for content and bias approval.
- 

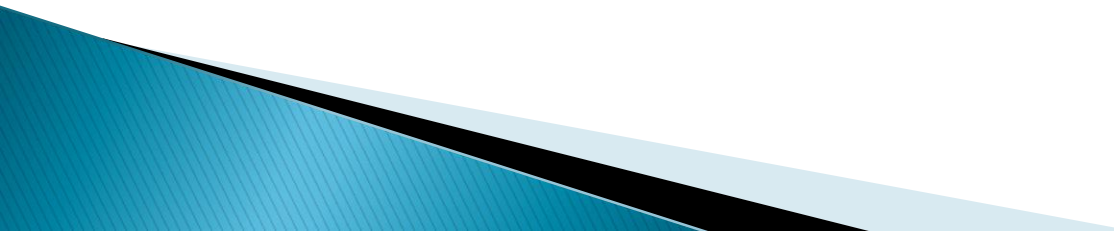
# What Does a CRA Test Look Like?

- ▶ The third grade CRA Pilot test will contain two sections.
  - ▶ The third grade will have a Language Arts section and a math section.
  - ▶ Each section will have a forty-five minute time limit.
  - ▶ In November, twelve different third grade forms will be piloted.
- 

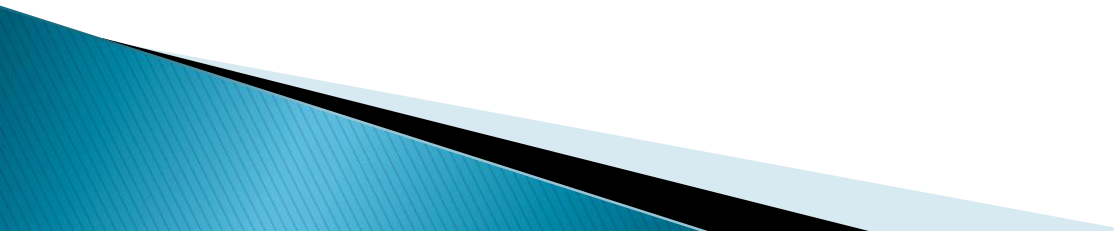
# What Does a CRA Test Look Like?

- ▶ The seventh grade test will contain three sections.
  - ▶ The seventh grade test will have a Language Arts, math and science section.
  - ▶ Each individual section will have a forty-five minute time limit.
  - ▶ In November, twelve different seventh grade test forms will be piloted.
- 

# CRA ITEMS

- ▶ Each section of the CRA Pilot test contains six items.
  - ▶ An item will be identified at the upper left hand corner of a page in a bolded fashion: **ITEM 1**.
  - ▶ Each item will contain a different number of questions.
  - ▶ Each item contains a different point value. The highest point value awarded an item is four points.
- 

# The Difference is in the Scoring

- ▶ Each individual item will have a unique rubric.
  - ▶ All items will be scored using the Holistic Scoring Method.
  - ▶ Measurement Incorporated will score the 2010 Constructed Response Pilot Test.
- 

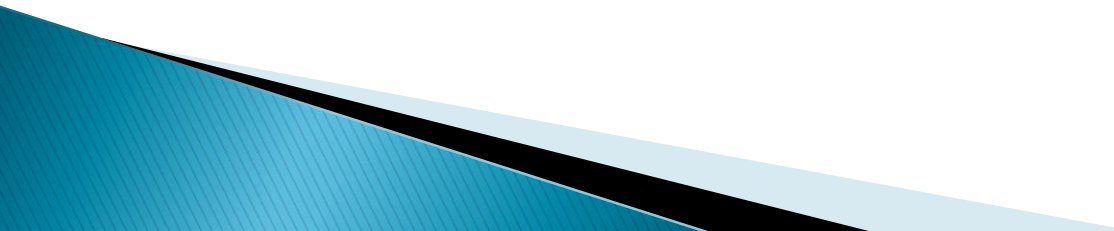


# Sample Item Scoring Rubric

## Score Points:

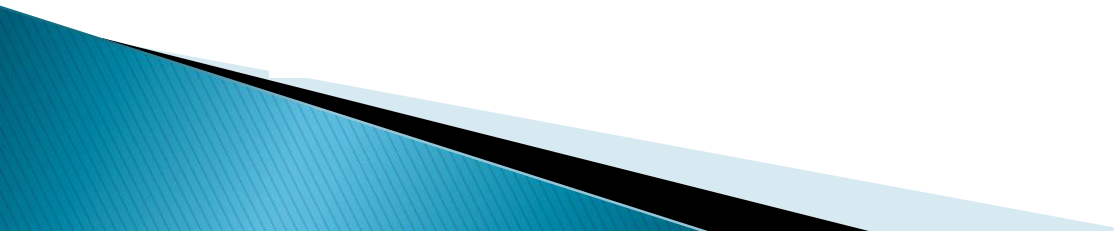
- |          |   |
|----------|---|
| 2 points | The response indicates a complete understanding of the task by identifying the average speed at 512 km/hr and showing how the answer was obtained using the correct units.  |
| 1 point  | <p>The response indicates a partial understanding of the task by identifying the average speed at 512 km/hr, but fails to show or incorrectly shows how the answer was obtained.</p> <p style="text-align: center;">OR</p> <p>The response identifies an incorrect speed, but correctly shows how the answer was obtained (e.g., divides 1536 by 2 hours instead of 3).</p> |
| 0 points | <p>The response is inaccurate or unable to be scored.</p> <ul style="list-style-type: none"><li>A. Blank or Refusal</li><li>B. Insufficient to score or illegible</li><li>C. Off-Topic</li><li>D. Predominantly in another language.</li></ul>  |

# The CRA Language Arts Section

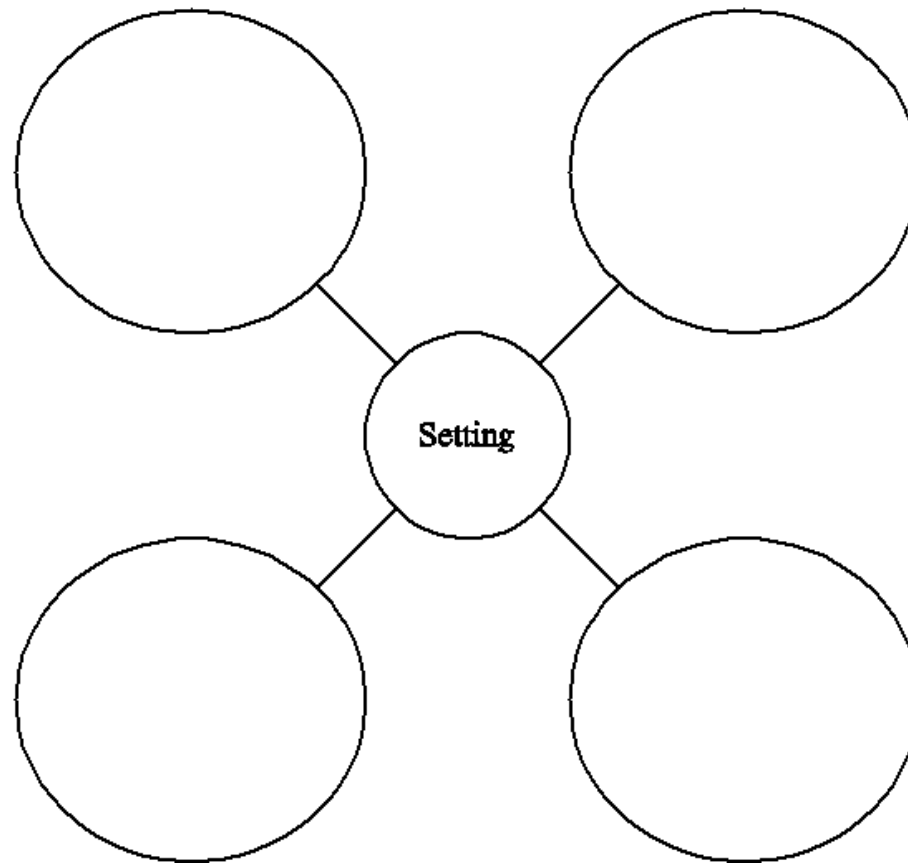
- ▶ Both the third and seventh grade Language Arts sections will contain three reading passages.
  - ▶ Each reading passage will be followed by two items.
  - ▶ The student will respond to a total of six items in the Language Arts section.
- 

# A Sample Reading Passage

## Racing Rusty

- 1 My grandparents live on a farm. I get to visit them for two weeks every summer. We love being at the farm because there are so many things to do and to see. My brother and I have lots of fun!
  - 2 There are snap beans, tomatoes, and peaches to pick. Our grandmother always makes great pies from some of the fruit. Anything we do not use, we sell at a roadside stand. We sell homemade lemonade and Gran's tasty homemade cookies too.
  - 3 The farm has a pond with lots of fish. My brother and I enjoy fishing. Sometimes our grandfather will cook the fish we catch for dinner. The fish and grandmother's pies make a fine meal.
  - 4 A family of geese lives in the pond too. The geese family swims slowly in a row across the pond. They are quite a sight! We love watching the two grown-up geese and their three young goslings. Rusty, the neighbors' lively young puppy, loves to watch them too. Sometimes his interest causes problems.
- 

What does a Constructed Response Assessment (CRA) graphic organizer look like?



# A Sample Third Grade Math Item

Ms. Parker's students conducted a survey to find out about favorite fast foods. The table shows the results of the survey.

<b>Hamburgers</b>	<del>    </del>
<b>Hot Dogs</b>	
<b>Pizza</b>	<del>    </del>
<b>Tacos</b>	

A. How many more students chose pizza than hot dogs?

Answer: \_\_\_\_\_

Explain how you found your answer or show your work.



# Different Format Styles

A flight leaves Los Angeles, California, at 11:00 A.M. and arrives in Seattle, Washington at 2:00 P.M. The distance traveled is 1536 km.

What is the average speed of the flight (distance = speed  $\times$  time)?

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Show how you arrived at your answer and use correct units.

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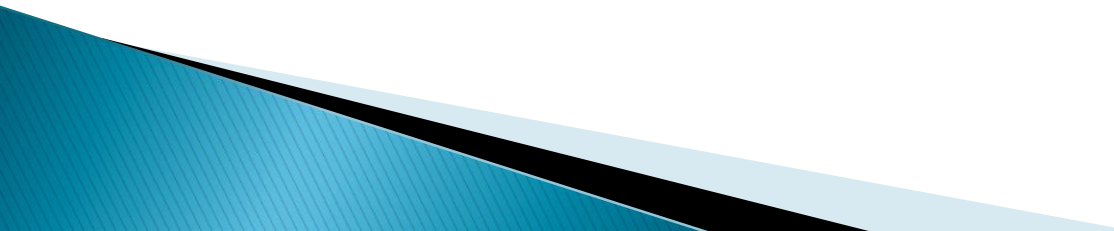
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# Where Can I View Additional CRA Items?

- ▶ To view other released sample CRA items please visit our NAEP website at:  
<http://www.tennessee.gov/education/assessment/NAEP/other.shtml>.
  - ▶ Please look for the section “NAEP Online Data Tools and Sample Questions.”
  - ▶ Click on the “Sample Question Booklets”.
  - ▶ This page contains booklets for various grades.
- 

# CRA Pilot Test Window

- ▶ The Constructed Response Assessment will be administered on November 8, 9 and 10 of this year.



# Security Measures

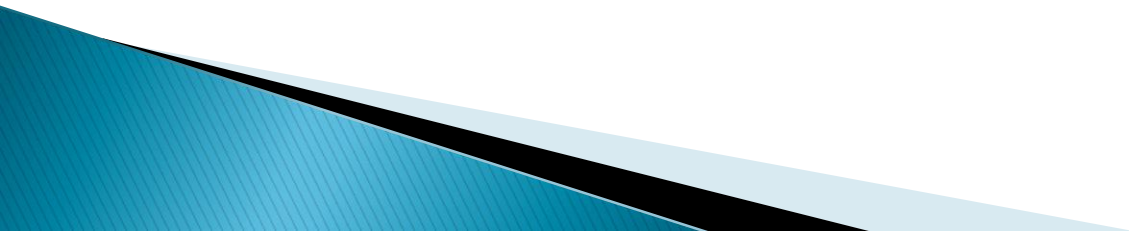
- ▶ Please follow all normal TCAP test security procedures.
- ▶ A Constructed Response Test Administration Manual will be available with test materials.

# CRA Item Writing Opportunity

- ▶ A CRA Item Writing Committee Will be held:  
October 12, 13, and 14 of 2010.

Third and seventh grade Language Arts teachers are needed for all three days.

Third and seventh grade math and science teachers are needed for two days.



# ?? Questions ??

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